

MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 740 Stevens Building

FROM: W. L. Johnson

CHAIRMAN: G. C. Henckel

Dept-Operation-Component	Area	Shift	Meeting Dates	Number Attending
Environmental Engineering	3000	Day	March 15, 1993	3

Distribution

State of Washington Department of Ecology

J. Donnelly
L. Goldstein
D. Goswami
R. L. Hibbard
J. Phillips
D. D. Teel
N. Uziemblo
J. Yoke
T. Wooley

U.S. Army Corps of Engineers

J. T. Stewart A5-20

U.S. Department of Energy, Richland Field Office

H. L. Chapman A5-19
J. K. Erickson A5-19
E. D. Goller A5-19
R. G. McLeod A5-19
P. M. Pak* A5-19
R. K. Stewart A5-19

U.S. Environmental Protection Agency

P. R. Beaver B5-01
D. R. Einan
D. A. Faulk
L. E. Gadbois
P. S. Innis
D. R. Sherwood

Westinghouse Hanford Company

L. D. Arnold B2-35
M. V. Berriochoa B3-30
H. D. Downey H6-27
W. F. Heine B2-35
G. C. Henckel* H6-04
W. L. Johnson* H6-04
J. K. Patterson H6-27
D. L. Sickle H6-27
T. M. Wintczak H6-27
EDMC H6-08
ERAG Route H6-04
GCH File/LB

=====

*Attendees

The weekly interface meetings on the expedited response actions (ERAs) was held to status the ERAs for the U.S. Department of Energy, Richland Field Office and the regulators. The meeting was conducted in accordance with the attached agenda. Actions were formally reviewed and the attached action item list was updated.

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report, week ending 03/21/93



WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: March 15, 1993

- GENERAL ISSUES
 - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
 - North Slope
 - o EE/CA being prepared
 - o HASM - validation
 - Sodium Dichromate
 - o Comment resolutions
 - o Action memorandum received
 - N-Springs
 - o NEPA
 - o EE/CA - WHC review
 - Pickling Acid Crib
 - o Ground water data inconclusive
 - Riverland
 - o Preparation of revised EE/CA
 - 618-11
 - 200-W Carbon Tetrachloride
 - o 24-hour operation all week
 - o GAC release letter
 - o On schedule for 3/31/93 3000 cfm operation
 - 316-5 & 618-9
 - o Status of closure reports
- OTHER ISSUE
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
March 15, 1993

ORGANIZATION

ACTION ITEM

WHC WHC will provide RL, EPA, and Ecology copies of the GPR reports for the Riverland ERA site when it becomes available. (open) North Slope, Sodium Dichromate, and Pickling Acid reports have been provided.

EPA/Ecology Develop procedure for inclusion in TPA handbook for transmittal of field information and sample data obtained by regulators during split sampling activities. (closed)

DOE-HQ DOE-HQ will provide information regarding sanitary landfill Record of Decisions and risk assessment screening related to federal activities. (closed)

RL/WHC RL to provide modeling presentation on 2/22/93. (closed)

RL RL will contact EPA to status the 618-9 closure report. (open)

EPA/Ecology EPA and Ecology will examine available data for radiation background as it pertains to ERAs. (open)

93031972

EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
March 15, 1993

DECISIONS:

AGREEMENTS:

No SIGNIFICANT ITEMS

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

[Signature]

WHC Representative

9 3 1 2 0 2 6 1 9 7 3

Weekly Report, Week Ending March 14, 1993
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

North Slope Expedited Response Action - Preparation of the ERA Proposal continues. Data continues to arrive from the analytical labs. HASM has provided a draft statement of work for data validation. Initial review of the data indicates no elevated levels of contaminants.

N-Springs Expedited Response Action - The draft ERA proposal is being reviewed by WHC. The NEPA categorical exclusion (discussing the impacts of implementing the preferred alternative described in the proposal) is being drafted for RL review and approval.

618-11 Burial Ground Expedited Response Action - PNL delivered a Historical Characterization information for ERE review for inclusion in the baseline characterization effort. USRADS surveys did not indicate any radioactive surface contamination. Discussions with RL regarding NEPA requirements for this project indicated the Hanford Defense Waste EIS may be sufficient to address actions at 618-11. Actions at 618-10 are not addressed in the HDW-EIS. Further discussion is scheduled for early April.

Sodium Dichromate Expedited Response Action - The action memorandum was signed on March 10, 1993. Site preparation activities were initiated with removal activities to be initiated March 16, 1993.

Riverland Expedited Response Action - The EE/CA is being revised and should be completed by the end of March.

White Bluffs Pickling Acid Crib Expedited Response Action - Groundwater data has been reviewed with no conclusive determinations related to the cribs potential contribution to the 100-F Area groundwater contamination (nitrates, TCE).

200 West Area Carbon Tetrachloride Expedited Response Action -

1. CCL₄ ERA

A. VES Operations

216-Z-1A & Z-18 VES Operations - 24 hour operations at the Z-1A site continued at full capacity this past week, including a successful run over the weekend.

Detailed fabrication drawings and material lists were completed this past week for items that will be required to upgrade the existing unit at Z-1A to 1000 cfm. The 200 East Area pipe fabrication shop has been lined up to complete the fabrication work and provide procurement of the necessary materials.

Operational Date	Source	Amount of CCl ₄ Removed (lb)	Average CCl ₄ Conc. (ppm)	Total Operational Time (hr)	Average Flowrate (SCFM)
2/8 - 2/11	216-Z-1A	98	200	46.15	450
2/16 - 2/23*	216-Z-1A	284	300	88.27	330
2/24 - 3/2	216-Z-1A	181	320	77.12	300
3/3 - 3/9	" "	203	250	123.08	430
Total 1993		766	267	211.52	360
Total Pre-1993		2,111.4			

* Corrected from the previous week.

Leased 500 cfm Vapor Extraction System (VES) - Start-up of the leased 500 cfm unit is now dependent upon getting a leased portable electric generator. The factory representative for the existing propane generator concluded that the problem with the unit was more extensive than originally thought. This has necessitated obtaining the engine manufacturer representative to fix the problem since the unit is still under warranty. The back-up leased generator arrived on site Thursday, March 11, 1993.

1500 cfm VES - The 1500 cfm VES unit has arrived and is going through inspection. The system will be delivered to the 216-Z-9 site over the weekend.

B. Well Field Design

Drilling began February 3, 1993, on the first of five vapor extraction wells to enhance the existing wellfield. Well 299-W15-218, being drilled on the north side of the 216-Z-9 Trench, was at 141 ft. depth on March 9, 1993.

Two complete wellhead monitoring systems have been installed on well 299-W15-216 to monitor the two screened intervals. The wellhead monitoring systems previously installed at wells 299-W15-9 and 299-W15-217 continue to operate.

Well 299-W18-96, inside the 216-Z-18 crib, was deepened 73 ft. and completed as a vapor extraction well on March 5, 1993.

Baseline Monitoring - High pressure (29.6 in Hg) over the site on March 5, 1993, yielded many Volatile Organic Compound (VOC) detections in soil-gas points ranging up to 34 ppm. Only two wellheads had detectable VOCs: the upper interval of 299-W18-247 measured 4 ppm and 299-W15-82 measured 2434 ppm. This latter detection on a high pressure day is unusual and will be followed.

C. Site Characterization (with VOC-Arid ID)

93131961975

tunnel and prepared for removal from PFP. PFP operations has removed most of the rad waste from the area. A decision has not yet been reached on whether the cameras must be removed from the piping and disposed of as waste or simply left in place. Engineering Surveillance and Testing staff is pursuing analysis of the sludge sample removed from line 840. ES&T is preparing their final report on this task.

Crib Boreholes - Deepening of 299-W18-174 within 216-Z-1A is scheduled to begin March 15, 1993. The drilling rig and equipment from the 299-W18-96 site is being moved this week. This well will be converted to a VES extraction well.

Data Evaluation - The final draft of the conceptual model report was completed March 6, 1993, and is undergoing final review this week. The document will be provided in time to meet the milestone transmittal to RL.

9 3 1 1 2 0 9 1 9 7 6